

AMENDMENTS TO THE CLAIMS

In the claims:

Claims 26-27, 33-37, and 39-48 were previously in the application. Please amend claims 26-27, 33-37, 39, 43, and 45, as shown in the following listing of claims, which will replace all prior versions and listings of claims in the application. Claims 26-27, 33-37, and 39-48 are currently in the application.

Listing of claims:

1. – 25. (canceled)

26 (currently amended). A method of isolating or purifying one or more [[vectors]]plasmids from a host cell or virus comprising:

a) providing a dry matrix or solid medium, wherein said dry matrix or solid medium further comprises:

- i) a weak base;
- ii) a chelating agent; and
- iii) an anionic surfactant or an anionic detergent;

b) contacting [[a]] the matrix or solid medium with a sample comprising a host cell or virus containing said ~~vector or vectors~~plasmid or plasmids; and

c) isolating all or a portion of said ~~vector or vectors~~plasmid or plasmids from said matrix or solid medium.

27 (currently amended). The method of claim 26, wherein said matrix or solid medium protects against degradation of said [[vectors.]]plasmid or plasmids.

28. – 32. (canceled)

33 (currently amended). The method of claim 26, wherein said [[solid]] matrix or solid medium comprises a polymeric matrix or solid medium.

34 (currently amended). The method of claim 33, wherein the polymeric matrix or solid medium comprises a cellulose-based matrix.

35 (currently amended). The method of claim 33, wherein the polymeric matrix or solid medium comprises a micromesh synthetic polymer matrix.

36 (currently amended). The method of claim 35, wherein the polymeric matrix or solid medium comprises a micromesh synthetic plastic matrix.

37 (currently amended). The method of claim 26, wherein said matrix or solid matrix is contacted with said one or more cells in solution.

38 (canceled).

39 (currently amended). The method of claim 26, wherein said matrix or solid medium further comprises uric acid or a urate salt.

40 (previously presented). The method of claim 26, wherein said sample comprises host cells and wherein said host cells comprise eukaryotic cells.

41 (previously presented). The method of claim 26, wherein said sample comprises host cells and wherein said host cells comprise prokaryotic cells.

42 (previously presented). The method of claim 41, wherein said prokaryotic cells comprise bacterial cells.

43 (currently amended). A method of isolating or purifying one or more [[vectors]]plasmids from a host cell or virus comprising:

- a) contacting a solid medium with a sample comprising a host cell or virus containing said [[vector,]]plasmid, wherein the solid medium comprises:
 - i) a polymeric matrix comprising a cellulose-based matrix, a micromesh synthetic polymer matrix, or a micromesh synthetic plastic matrix;
 - ii) a weak base;
 - iii) a chelating agent; and
 - iv) an anionic surfactant or an anionic detergent;
- b) releasing the [[vector]]plasmid from the host cell or virus and onto said medium; and
- c) isolating said [[vector]]plasmid from said medium.

44 (previously presented). The method of claim 43, wherein said solid medium further comprises uric acid or a urate salt.

45 (currently amended). A method of isolating or purifying one or more [[vectors]]plasmids from a host cell ~~or virus~~ comprising:

- a) contacting a solid medium with a sample comprising a host cell containing said [[vector,]]plasmid, wherein said solid medium protects against degradation of said [[vector]]plasmid and wherein the solid medium comprises:
 - i) a polymeric matrix comprising a cellulose-based matrix, a micromesh synthetic polymer matrix, or a micromesh synthetic plastic matrix; and
 - ii) a composition sorbed to the polymeric matrix, wherein the composition comprises:

- _____ a weak base;
 - [[iii)]]- a chelating agent; and
 - [[iv)]]- an anionic surfactant or an anionic detergent;
- b) lysing the host cell;
 - c) releasing the [[vector]]plasmid from the host cell and onto said medium; and
 - d) isolating said [[vector]]plasmid from said medium.

46 (previously presented). The method of claim 45, wherein said solid medium further comprises uric acid or a urate salt.

47 (previously presented). The method of claim 45, wherein said sample comprises host cells and wherein said host cells comprise eukaryotic cells.

48 (previously presented). The method of claim 45, wherein said sample comprises host cells and wherein said host cells comprise prokaryotic cells.